IN THE UNITED	STATES P	ATENT AND	TRADEMARK	OFFICE
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Applicants:

Liu, et al.

Serial No. 09/601,582

Filed: December 4, 2000

For: NOVEL GABAB RECEPTOR DNA SEQUENCES

Art Unit:	<u> 1646</u>	 	

Examiner: Kaufman

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

- 1. In compliance with 37 C.F.R. 1.97, submitted on the attached form herewith is a list of patents, publications or other information which are requested to be made of record in this application. This Information Disclosure Statement is not an admission that any patent, publication or other information referred to herein is "prior art" for this invention. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).
- 2. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.
- 3. Applicants respectfully request that the Examiner initial the attached form after reviewing the pertinence of each reference.
- 4. Pursuant to the waiver by the Office of the requirement under 37 CFR 1.98 (a)(2)(i) dated July 11, 2003, if the filing date of this application is after June 30, 2003, copies of each cited U.S. patent and each U.S. patent application publication are not enclosed herewith.

11/07/2003 SDIRETA1 00000096 132755 09601582 01 FC:1806 180.00 DA I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

MERCK & CO., INC.

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ORMATION DISCLOSURE STATEMENT

5. Pursuant to 37 C.F.R. 1.98(d), copies of references listed on the attached form that were submitted to or cited by the Office in a related application upon which the instant application relies for an earlier filing date under 35 U.S.C. 120 are not enclosed. Related application(s) in which references were submitted to or cited by the Office are as follows:

	RELATED APPLICATION			
U. S. SERIAL NUMBER	FILING DATE	MERCK CASE		
If this is inconvenient, additional copies will be submitted upor	n request.			

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If th	nis is inconvenient, additional copies will be submitted upon reques	st.	
	6. In accordance with 37 C.F.R. 1.97, (check one)		
	the attached information is filed within three months of the filing da	ate of the captioned case.	
	the attached information is filed more than three months after the Office Action on the merits.	filing date but prior to the m	ailing of a first
\checkmark	the attached information is being filed more than three months aft Office Action on the merits, but before the mailing date of a Final authorization is therefore given to charge Deposit Account No. 13 1.17(p).	Action or Notice of Allowand	ce. The enclosed
	the undersigned certifies that each item of information contained i cited in any communication from a foreign patent office in a count months prior to the filing of this Statement.		
	the undersigned certifies that no item of information contained in to a communication from a foreign patent office in a counterpart fore person signing the certification after making reasonable inquiry, w C.F.R. 1.56(c) more than three months prior to the filing of this States	ign application, and, to the as known to any individual	knowledge of the
		Respectfully submitted,	
		Mythal	1
		By: Vineet Kehill	
		Attorney For Appl	licant(s)
		Reg. No. 37,003	
		MERCK & CO., INC.	
		Patent Dept., RY60-30 P.O. Box 2000	
		Rahway, N.J. 07065-0907	7
		(732)594- <u>3889</u>	
		Date: November 4, 2003	

Patent fees are service to annual review.

TOTAL AMOUNT OF PAYMENT

Con	nplete if Known	
Application Number	09/601,582	
Filing Date December 4, 2		
First Named Inventor	Liu, et al.	
Examiner Name	Kaufman	
Group Art Unit	1646	
Attorney Docket Number	20052YP	

MI	ETHOD OF PAYMENT	FEE CALCULATION (continued)			
Deposit Acco	unt	3. AI		NAL FEES	
Deposit Account	13-2755		Large Entity		
Number Deposit Account		Fee Code	Fee (\$)	Fee Description	Fee Paid
Name	Merck & Co., Inc.	1051	130	Surcharge - late filing fee or oath	
The Director is au	thorized to:	1812	2,520	For filing a request for ex parte	
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application	administration and making the pendency of the	1252	420	Extension for reply within second month	I
I	FEE CALCULATION	1253	950	Extension for reply within third month	
1. BASIC FILING		1254	1,480	Extension for reply within fourth month	
Large Entity		1255	2,010	Extension for reply within fifth month	
Fee Fee Code (\$)	Fee Description Fee Paid	1401	330	Notice of Appeal	
	Utility filing fee	1402	330	Filing a brief in support of an appeal	
1002 340	Design filing fee	1403	290	Request for oral hearing	
1004 770	Reissue filing fee	1452	110	Petition to revive - unavoidable	
1005 160	Provisional filing fee	1453	1,330	Petition to revive - unintentional	
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	SUBTOTAL(1) \$0	1502	480	Design issue fee	
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Total Claims Ind≰pendent	$ \begin{vmatrix} - & 20 \\ - & 3 \end{vmatrix} ** = \begin{vmatrix} 0 \\ 0 \\ x \end{vmatrix} $	1806	180	Submission of Information Disclosure Statement	180
Claims Multiple Dependent (8021	40	Recording each patent assignment per property (times number of properties)	
Large Entity	paid, if greater; For Reissues, see below	1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
Fee Fee Code (\$) 1202 18	Fee Description Claims in excess of 20	1810	770	For each additional invention to be examined (37 CFR 1.129(b))	
1201 86	Independent claims in excess of 3	∵ 1801	770	Request for Continued Examination	
1203 290	Multiple dependent claim, if not paid			(RCE)	
1204 86	**Reissue independent claims over original patent	Other fe	e (specify)		
	**Reissue claims in excess of 20 and over original patent	Other fe	e (specify)		
	SUBTOTAL(2) \$0			SUBTOTAL(3)	\$180

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	SUBMITTED BY			Comp	lete (if applicable)
Typed or Printed Name	Vineet Kohli			Reg. Number	37,003
Signature	Vunttons	Date	11/04/2003	Deposit Account User ID	

Application Number:	09/601,582
Filing Date:	12/04/2000
First Named Inventor:	Liu, et al.
Group Art Unit:	1646
Examiner Name:	Kaufman
Attorney Docket Number:	20052YP

FIRST CLASS MAIL CERTIFICATE

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VIRGINIA 22313-1450, ON THE DATE APPEARING BELOW.

MERCK & CO., INC.

MAILED BY HUNCESCHELLE DATE HOV. 3, 2003

	bstitute for form 1449A/PTO			(COMPLETE IF KNOWN
	INFORMATION DISCLOSERE		Application Number	09/601,582	
			Filing Date	December 4, 2000	
S	TATEMENT BY	AP	NOV O 6 2003	First Named Inventor	Liu, et al.
		1		Group Art Unit	1646
	(use as many sheets as necessary) MAN (MAN)			Examiner Name	Kaufman
Sheet	1	of	6	Attorney Docket Number	20052YP

	-		U.S. PA	ATENT DOCUMENTS	
Examiner Initials*	Cite No.	U.S. Patent Document Number	Kind Code (if known)		Date of Publication of Cited Document MM-DD-YYYY
		5,741,657		Tsien, et al.	04/21/1998
		5,661,035		Tsien, et al.	08/26/1997
		US 2001/0023289 A1		Jones, et al.	09/20/2001
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	FOREIGN PATENT DOCUMENTS						
			Foreign Patent Docume	ent		Date of Publication of	
Examiner Initials*	Cite No.	Office	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	
		WO	97/46675				
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^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Computer generated form "IDS Form" (IDS Folder), Merck & Co., Inc., 09/05/2003)

Examiner Signature

Date Considered

	INFORMATION DISCLOSURE			COMPLETE IF KNOWN	- I	
			Application Number	09/601,582		
		Vasil	PE	Filing Date	December 4, 2000	
S	STATEMENT BY APPLICANT		First Named Inventor	Liu, et al.		
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Sheet	2	of	RADY.	Attorney Docket Number	20052YP	

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.					
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Examiner Signature	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Su	ubstitute for form 1449B/PTO			C	COMPLETE IF KNOWN
I	NFORMATION 1	DIS	CLOSURE	Application Number	09/601,582
C	TATEMENT BY	ATN	PE	Filing Date	December 4, 2000
5	TAILMENT BY		PEICANT CON NOV 0 6 2003	First Named Inventor	Liu, et al.
		1	HON O S TOP S	Group Art Unit	1646
	(use as many sheets	as n	Pessary)	Examiner Name	Kaufman
Sheet	3	of	6	Attorney Docket Number	20052YP

		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
/	_	Gonzalez & Tsien, "Voltage Sensing by Fluorescence Resonance Energy Transfer in Single Cells", Biophysical Journal, Vol. 69, pp. 1272-1280, 1995.
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Examiner Signature	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Si	ubstitute for form 1449B/PTO			COMPLETE IF KNOWN		
I	NFORMATION I	DIŞ	CIAD SURE	Application Number	09/601,582	
C		\O		Filing Date	December 4, 2000	
5	TATEMENT BY	API	N 0 6 20031 .1	First Named Inventor	Liu, et al.	
		\ <u>~</u> ."		Group Art Unit	1646	
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Sheet	4	of	6	Attorney Docket Number	20052YP	

		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
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Examiner Signature	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

811	ubstitute for form 1449B/PTO				COMPLETE IF KNOWN
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5	IAIEMENI BY	1	c 2003 -1	First Named Inventor	Liu, et al.
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Sheet	5	of	6	Attorney Docket Number	20052YP
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		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
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/		GenBank Accession No. AJ012185
/		GenBank Accession No. Y10369

Examiner Signature	Date Considered	

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NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.				
1		GenBank Accession No. H14151				
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/		Kaupmann, et al., "Expression cloning of GABAB receptors uncovers similarity to metabotropic glutamate receptors", Nature, Vol. 386, pp. 239-246, 1997				
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Examiner Signature	Date Considered	

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